

STEINER GERALD A
Form 4
April 28, 2005

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
STEINER GERALD A

(Last) (First) (Middle)
800 N. LINDBERGH BLVD.

(Street)

ST. LOUIS, MO 63167

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
MONSANTO CO /NEW/ [MON]

3. Date of Earliest Transaction
(Month/Day/Year)
04/26/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
EVP Commercial Acceptance

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	04/26/2005		M		44,280 A \$ 33.88	72,025	D
Common Stock	04/26/2005		M		43,110 A \$ 34.8	115,135	D
Common Stock	04/26/2005		M		23,500 A \$ 16.145	138,635	D
Common Stock	04/26/2005		S		95,200 D \$ 58.75	43,435	D
Common Stock	04/26/2005		S		1,690 D \$ 59.04	41,745 ⁽¹⁾	D

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Common Stock 1,535 I By 401(k) Plan

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)
Option (right to buy)	\$ 33.88	04/26/2005		M	44,280	07/15/2002 ⁽²⁾	07/14/2011	Common Stock	44,280
Option (right to buy)	\$ 34.8	04/26/2005		M	43,110	08/15/2002 ⁽³⁾	08/14/2011	Common Stock	43,110
Option (right to buy)	\$ 16.145	04/26/2005		M	23,500	04/25/2004 ⁽⁴⁾	04/25/2013	Common Stock	23,500

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
STEINER GERALD A 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167			EVP Commercial Acceptance	

Signatures

Christopher A. Martin, Attorney-in-Fact 04/28/2005

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Includes: 26,745 shares owned directly and 15,000 shares of restricted stock granted pursuant to the Monsanto Company Long Term Incentive Plan.
- (2) 50% of the options became exercisable on each of July 15, 2002 and March 15, 2003, subject to the terms and conditions of the Monsanto 2000 Management Incentive Plan.
- (3) 50% of the options became exercisable on each of August 15, 2002 and March 15, 2003, subject to the terms and conditions of the Monsanto 2000 Management Incentive Plan.
- (4) One-third of the options became exercisable on April 25, 2004, one-third of the options became exercisable on March 15, 2005 and one-third of the options become exercisable on March 15, 2006, subject to the terms of the Monsanto Company Long Term Incentive Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.